GAS ANALYSIS SERVICE

Well Name: CANDADO #2; TBG
API #:
Source: TUBING
Sample Type: GAS

Analysis No: EP20220150
Cust No: 77000-11965

Well/Lease Information

Customer Name: EPIC ENERGY
Well Name: CANDADO #2; TBG
County/State: SAN JUAN NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Heat Trace: N
Remarks:

Source: TUBING
Well Flowing: Y
Pressure: 69 PSIG
Flow Temp: DEG. F
Ambient Temp: DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 04/22/2022
Sample Time: 11.14 AM
Sampled By: CODY PARIS
Sampled by (CO): WALSH

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.4254	0.4224	0.0470	0.00	0.0041
CO2	0.1473	0.1463	0.0250	0.00	0.0022
Methane	89.6011	88.9782	15.2270	904.97	0.4963
Ethane	5.5293	5.4909	1.4820	97.85	0.0574
Propane	2.6471	2.6287	0.7310	66.60	0.0403
Iso-Butane	0.5011	0.4976	0.1640	16.30	0.0101
N-Butane	0.5432	0.5394	0.1720	17.72	0.0109
I-Pentane	0.1765	0.1753	0.0650	7.06	0.0044
N-Pentane	0.1131	0.1123	0.0410	4.53	0.0028
Hexane Plus	0.3159	0.3137	0.1410	16.65	0.0105
Total	100.0000	99.3048	18.0950	1131.69	0.6390

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z):	1.0027	CYLINDER #:	4152
BTU/CU.FT IDEAL:		1134.3	CYLINDER PRESSURE:	65 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):		1137.4	ANALYIS DATE:	04/29/2022
BTU/CU.FT (WET) CORRECTED FOR (1/Z):		1117.6	ANALYIS TIME:	11:16:48 AM
DRY BTU @ 15.025:		1160.2	ANALYSIS RUN BY:	KERRA GONZALEZ
REAL SPECIFIC GRAVITY:		0.6405		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.
GPA Standard: GPA-2261
GC: Danalyzer Model 500 **Last Cal/Verify: 05/04/2022**
GC Method: C6+ Gas

EPIC ENERGY

WELL ANALYSIS COMPARISON

Lease:	CANDADO #2; TBG	TUBING	05/04/2022
Stn. No.:			77000-11965
Mtr. No.:			

Smpl Date:	04/22/2022
Test Date:	04/29/2022
Run No:	EP20220150
Nitrogen:	0.4254
CO2:	0.1473
Methane:	89.6011
Ethane:	5.5293
Propane:	2.6471
I-Butane:	0.5011
N-Butane:	0.5432
I-Pentane:	0.1765
N-Pentane:	0.1131
Hexane+:	0.3159
BTU:	1137.4
GPM:	18.0950
SPG:	0.6405

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District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 181170

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 181170
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	1/31/2023